



PTO/SB/21 (08-03)

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/627,931	
	Filing Date	July 25, 2003	
	First Named Inventor	David E. SLUTZ	
	Art Unit	1775	
	Examiner Name	Turner, Archene A.	
Total Number of Pages in This Submission		Attorney Docket Number	M8540/279473

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1. Form PTO/SB/08 (two sheets) 2. 33 publications		
<table border="1"><tr><td>Remarks</td><td></td></tr></table>			Remarks	
Remarks				

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Bruce D. Gray, Reg. No. 35,799 Kilpatrick Stockton LLP
Signature	
Date	February 26, 2004

CERTIFICATE OF MAILING

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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of)
)
David E. Slutz, et al.)
)
Serial No.: 10/627,931) Art Unit: 1775
)
Filed: July 25, 2003) Examiner: Turner, Archene A.
)
For: CVD DIAMOND-COATED COMPOSITE)
SUBSTRATE CONTAINING A CARBIDE-)
FORMING MATERIAL AND CERAMIC)
PHASES AND METHOD FOR MAKING)
SAME)

Commissioner for Patents
P. O. Box 1450
Alexandria, Virginia 22313-1450

Attorney Docket No. M8540/279473
Date: February 26, 2004

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with Rules 56, 97 and 98 of the Rules of Practice in Patent Cases (37 C.F.R. §§ 1.56, 1.97, and 1.98), the publications listed on the enclosed Form PTO/SB/08 are submitted for consideration by the Examiner. The Office has waived the requirement under 37 C.F.R. 1.98(a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003. Therefore, Applicants are not provided copies of the cited U.S. patents at this time.

Submission of the references provided in this Information Disclosure is not intended to constitute an admission that any reference referred to herein is prior art for this invention unless specially designated as such. Also, in accordance with 37 C.F.R. § 1.97(g), the filing

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Filed: July 25, 2003
INFORMATION DISCLOSURE STATEMENT

of this Information Disclosure Statement shall not be construed to mean that a search has been made, or that no other material information as defined in 37 C.F.R. § 1.56(a) exists.

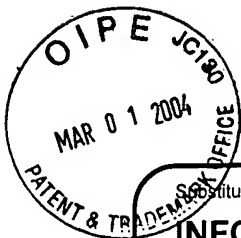
This Information Disclosure Statement is being filed before the issuance of a first office action on the merits of the application (37 C.F.R. 1.97(b)(3)); therefore, no fee is believed to be due. If a fee is due, the Commissioner is authorized to charge such fee and any additional fees that may be due or credit any overpayment to Deposit Account No. 11-0855.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Bruce D. Gray', is written over a horizontal line.

Bruce D. Gray
Reg. No. 35,799

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	10/627,931
Filing Date	July 25, 2003
First Named Inventor	David E. SLUTZ
Group Art Unit	1775
Examiner Name	Turner, Archene A.
Attorney Docket Number	M8540/279473

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		2,201,195		Melton, et al.	
		2,277,520		Martin, et al.	
		3,334,041		Dyer, et al.	
		4,486,200		Heyer, et al.	
		4,576,612		Shukla, et al.	
		4,606,154		Herrmann, et al.	
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		4,992,082		Drawl, et al.	
		5,126,206		Garg, et al.	
		5,186,973		Garg, et al.	
		5,318,836		Ito, et al.	
		5,376,444		Grotepass, et al.	
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		5,833,753		Herlinger, et al.	
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		5,997,650		Herlinger, et al.	
		6,054,183		Zimmer et al.	
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		6,632,127		Zimmer, et al.	
		2003/0036341 A1	02/20/2003	Myoung, et al.	

Examiner Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 2 2

Complete if Known

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Akatsuka, et al., "Effect of Substrate Materials on CVD Diamond Growth," Editors <i>Applications of Diamond Films and Related Materials</i> , Editors Y. Tzeng, et al., Elsevier Science Publishers B.V., pp. 379-381, 1991	
		Schmidt, et al., "Using fluorine and chlorine in the diamond CVD process," <i>Diamond and Related Materials</i> , Publishers Elsevier, pp. 231-235, 1999	
		Schaefer, et al. "Chemical Vapour Deposition of Polycrystalline Diamond Films on Steel Substrates," <i>Applications of Diamond Films and Related Materials: Third International Conference</i> , Editors, A. Feldman, et al., pp. 399-402, 1995	
		Pierson, "Handbook of Carbon, Graphite, Diamond and Fullerenes, Noyes Publications, Park Ridge, p. 326, 1993	
		Pan, et al., "Diamond: Electronic Properties and Applications," Kluwer Academic Publisher, Boston, pp. 424-425, 1995	

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